

Application No. 09/627,365
Attorney Docket No. SGUS0008-3 12744US03

REMARKS

The present application includes claims 20-22. Claims 20-22 were rejected.

Claims 20-22 were rejected under 35 U.S.C. §103(a) as being unpatentable over Willis, U.S. Patent No. 6,385,674, in view of Thomasson, U.S. Patent No. 6,205,473.

With regard to Willis, the Examiner specifies in the Office Action that:

- 1) Willis fails to teach sending IP packets via satellite
- 2) Willis fails to teach the step of receiving said IP packets at an integrated satellite receiver in communication with said remote IP compatible network and routing said packets from a routing processor system mounted within said integrated satellite receiver to a remote IP compatible receiving system in communication with said IP compatible network. Specifically, Willis does not teach an integrated satellite receiver that also routes IP packets, the routing processor system mounted within the integrated satellite receiver.

Turning to Thomasson, Thomasson teaches a method and system for asymmetric satellite communications for local area networks. In Thomasson, as shown in Figure 1 and described beginning at Col. 4, Line 8, a satellite 112 transmits data to a digital satellite receiver 110 over a downlink channel 111. The digital satellite receiver 110 in turn decodes the raw data received from the satellite 112 and transmits the decoded data to a server 103 over a signal antennal waveguide 115. One example of a signal antenna waveguide is a coaxial cable.

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As described at Col. 1, Lines 62-65, the digital satellite receiver 110 is preferably a standard DirectPC satellite receiver, which does not include an internal IP packet router. Instead, data from the DirectPC satellite receiver is relayed to the server 103 for routing. Thomasson does not teach that the Direct PC satellite receiver is altered in any way to provide an internal routing system. Additionally, the server 103 is noticeably distinct from the DirectPC satellite receiver as recited in Thomasson because they are connected by the signal antennal waveguide 115. As stated at Col. 1, Lines 48-50, the actual invention's preferred embodiment is implemented as software residing on a local computer system.

That is, note that the server 103 is not "mounted within said integrated satellite receiver" as recited in element B of claim 20. Instead the server 103 is separate and apart from the digital satellite receiver 110 (standard DirectPC satellite receiver) and is connected to the digital satellite receiver 110 using the signal antenna waveguide. Thomasson does not teach any integration of a routing processor system integrated within a satellite receiver.

Thus, neither Willis nor Thomasson teach an integrated satellite receiver having a routing processor system mounted within the integrated satellite receiver. The Examiner acknowledged this in the Office Action with regard to Willis and Thomasson is found to be merely a standard DirectPC receiver.

The limitation of an integrated satellite receiver having a routing processor system mounted within the integrated satellite receiver is recited in element B of claim 20 and is

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respectfully submitted not to be taught by either Willis or Thomasson as discussed above.

Consequently, claim 20 (and its respective dependent claims 21-22) are respectfully submitted to be free of the prior art and allowable.

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CONCLUSION

If the Examiner has any questions or the Applicant can be of any assistance, the Examiner is invited and encouraged to contact the Applicant at the number below.

The Commissioner is authorized to charge any necessary fees or credit any overpayment to the Deposit Account of McAndrews, Held & Malloy, Account No. 13-0017.

Respectfully submitted,

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